

STATEMENT OF BASIS
CITY OF CHEHALIS WASTEWATER TREATMENT PLANT
NDPES PERMIT NO. WA0021105

The purpose of this statement of basis is to explain the need to modify the discharge permit and provides the basis for changes to its limitations and conditions.

I. GENERAL INFORMATION

Permittee: City of Chehalis
1191 Northwest Shoreline Drive
Chehalis, WA 98532

Discharge Location: Chehalis River, River Mile 74.3
Latitude: 46° 39' 38"N
Longitude: 122° 59' 03"W

II. REQUEST FOR MODIFICATION

The City of Chehalis requested the following changes to their current National Pollutant Discharge Elimination System (NPDES) permit. Influent and effluent monitoring for pH be changed from continuous to once a day grabs and the frequency of fecal coliform monitoring be reduced from seven (7) days a week to five (5) days a week. The City also requested the removal of influent flow monitoring since there is no accurate way to monitor influent flow at the existing wastewater treatment facility.

The City of Chehalis is currently in the process of upgrading their wastewater treatment facility. Many of the conditions in the current permit did not take into account that the new facility was yet to be built. The following changes to the Chehalis permit are required until the new plant is completed.

Once the new facility is completed there will be an accurate method to monitor influent flow and continuous influent flow monitoring will be required. Influent flow monitoring will not be required until the new plant comes on line. This condition will be removed from the current permit.

Current methods for continuously monitoring pH do not comply with standard methods and should not be used for reporting purposes. However, continuous influent and effluent pH monitoring will be continued as a pretreatment condition. The reporting requirement for influent and effluent pH will be changed from continuous to a once a day grab sample.

The fecal coliform sampling frequency of seven (7) days per week will be required when the new plant comes online. This requirement will not apply to the current facility and the seven (7) days a week sampling frequency for fecal coliforms will be reduce to five (5) days a week until the new plant comes online.

This statement of Basis will serve as an amendment to the Fact Sheet and Permit.